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Colorado. Inspector of Coal Mines.
Fifth Biennial Report of the
State Inspector of Coal Mines of
the State of Colorado for the
Years 1891 and 1892. 1893.

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FIFTH BIENNIAL REPORT

OF THE

STATE

INSPECTOR OF COAL MINES

OF THE

STATE OF COLORADO

FOR THE

YEARS 1891 AND 1892

PUBLISHED BY AUTHORITY



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REPORT.

TO HIS EXCELLENCY,
HON JOHN L. ROUTT,
Governor of Colorado:

HON. SIR—It is with feelings of regret that I have no alternative, but to herewith present to you this mere subterfuge of a report, in which I am compelled to hold back, rather than set forth, important facts and figures pertaining to the progress of an industry which is one of the foremost in the category of Colorado's commonwealth, *if not King itself*.

The Eighth General Assembly enacted a law (Senate Bill No. 251) which prescribes that no reports, except those of elected State officers and State Engineer, should exceed twenty pages, and also limited the number of copies to 250. The fact is, that *anything* less than 150 pages and 2,500 copies would be insufficient, and in the near future it will be necessary for the Inspector to be allowed *200 pages* if he would do justice to himself, the State and the coal mining industry.

A bill was introduced before the Eighth General Assembly to govern the working of vertical coal veins, and to prohibit operators from mining coal under any portion of a mine, or in too close proximity to an abandoned mine where water exists, without having first pumped such water out. Such a law will apply to coal mines in Jefferson county, where there is now imminent danger from inundation of water, if the practice of mining coal is continued under flooded levels. It would be a very hard matter to define what thickness of a pillar should be left to guard against inundation. The mining law prescribes that drill holes shall be kept ahead of the working face, at least twelve feet, when in proximity to abandoned workings where water is sus-

pected to exist ; and while such a precaution may be all that is necessary in horizontal veins, yet such would be of little service in vertical ones.

From my experience, I would not consider a 100-foot pillar an absolute safeguard, for I believe it quite possible, especially where soft material lies between the coal and "foot" wall, for the coal to become freed so as to break and "run" to a sufficient degree as to cause cracks to reach through the pillar, and thus water, under heavy pressure, would quickly make its way through in great volumes ; so mining in a vertical vein, under a body of water, cannot be followed with safety, and should be prohibited by law. A bill will be presented to the coming Legislature to regulate the above, which, it is hoped, will pass and become a law.

Sincerely thanking your Excellency for the marked attention given this office, and the many official courtesies extended to myself and assistant, Mr. L. S. Jones, to whom I take this opportunity of expressing thanks for the impartial and faithful performance of the work assigned to him,

I have the honor to be, sir,

Yours faithfully,

JOHN MCNEIL,

State Inspector of Coal Mines.

SUMMARY OF COAL PRODUCTION

OF THE STATE FROM 1873 TO 1892 INCLUSIVE.

	YEARS.	TONS.
	1873	69,977
	1874	87,372
	1875	98,838
	1876	117,666
Co	1877	160,000
Ro	1878	200,630
Rock	1879	322,732
Rockv	1880	375,000
Rockva	1881	706,744
Oak	1882	1,061,479
Alka	1883	1,220,593
Antl	1884	1,130,024
	1885	1,398,796
Cre	1886	1,436,211
Bal	1887	1,791,735
Su	1888	2,185,477
Ne	1889	2,400,629
Ne	1890	3,075,781
	1891	3,512,632
	1892	3,771,234

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PRODUCTION BY COUNTIES

FOR 1891 AND 1892, SHOWING INCREASE AND DECREASE.

COUNTIES.	1891.	1892.	INCREASE.	DECREASE.
Arapahoe	1,273	654	-----	619
Boulder	498,494	569,326	70,832	-----
Dolores	3,475	3,475	-----	-----
El Paso	34,364	35,788	1,424	-----
Fremont	545,789	497,382	-----	48,407
Gunnison	261,350	198,483	-----	62,867
Garfield	191,994	285,550	93,556	-----
Huerfano	494,466	541,596	47,130	-----
Jefferson	17,910	23,556	5,646	-----
Las Animas	1,219,224	1,329,178	109,954	-----
La Plata	72,471	89,612	17,141	-----
Mesa	5,000	7,300	2,300	-----
Montezuma	-----	675	675	-----
Park	52,626	87,949	35,323	-----
Pitkin	91,642	77,526	-----	14,116
Weld	22,554	13,184	-----	9,370
Sm'll m's not rep.	-----	10,000	10 000	-----
Totals	3,512,632	3,771,234	-----	-----
Las Animas	184,047	240,177	56,130	-----
Gunnison	43,910	51,879	7,969	-----
Pitkin	47,014	53,019	6,005	-----
La Plata	5,548	10,000	4,452	-----
Mesa	-----	20	20	-----
Totals	280,519	355,095	74,576	-----

RECAPITULATION OF STATISTICS FOR
1891-1892.

For the years ending December, 1891-1892, the returns of the coal production made to this office, with estimate made for December, 1892, is as follows:

For 1891 there was produced 3,512,632 tons (of 2,000 lbs.); of this amount about 1,005,000 tons were shipped out of the State to points in Kansas, Texas, Nebraska, Utah and Montana. The average market value of the coal is estimated at \$1.68 per ton, making the spot cash value of the production at the mines \$5,901,221.76. The average number of persons employed during the year was 6,822. Average thickness of the coal seams worked is 8 feet, the thickest is 30 feet, and the thinnest 2 feet. The average tonnage price paid to miners is 78 cts. for 2,400 lbs. "run of mine" coal; the highest tonnage price being \$1.12½ and the lowest 50 cts. The average cost of producing the coal is estimated at \$1.42, including royalty. There occurred during the year 29 fatal accidents in which 30 lives were lost; six by falls of coal, 17 by falls of rock, 2 from injuries received by pit cars, 2 by premature blasts, 2 by explosions of gas and 1 by accidental hanging.

By nationality, there were two Austrians, one Bohemian, ten Italians, one German, three Frenchmen, four Englishmen, four Irishmen, two Scotchmen, one Mexican and two whose nationality is unknown.

Average number of tons mined for each life lost, 121,126; average number of persons employed to each fatal accident, 227 2-5.

There occurred during the year 129 non-fatal accidents; 79 by falls of coal and rock, 5 by falling props, 28 by pit cars, 3 by railroad cars, 4 by premature blasts, 1 by steam pump, 3 by mules, 1 by coal pick, 3 by hoisting cage, 1 by pit-lamp exploding, 1 by falling down slope and 1 by gas explosion. Average number of tons mined to each non-fatal accident, 27,230; number of persons employed to each non-fatal accident, 53. There was 280,519 tons of coke made during the year.

For 1892 the production is 3,771,234 tons of 2,000 pounds. Of this amount there has been shipped to Kansas, Nebraska, Texas, Utah, California and Montana about 1,200,000 tons. The spot cash value of the production of coal at the mines is \$6,222,536.10. The average number of persons employed at the mines during the year is 7,578. The average tonnage price paid

to the miners for digging and loading the coal and timbering their working places is 75 cents per ton of 2,400 pounds of "run of mine" coal; the highest is \$1 per ton and the lowest 50 cents.

There were 34 lives lost during the year; 10 by falls of coal, 11 by falls of rock, 2 by premature blasts, 2 by explosion of gas, 2 by pit cars, 2 by hoisting cage, 2 by blown out shots (causing an explosion of gas and coal dust), 1 by falling off a bucket in a sinking shaft, 1 by being struck at the bottom of a sinking shaft by a falling bucket, and 1 who died from heart disease. By nationality there were 12 Italians, 4 Austrians, 1 Bohemian, 1 Mexican, 1 American, 5 English, 3 Irish and 7 Scotch. Average number of tons mined to each life lost is 110,330; average number of persons employed to each life lost 223. There occurred 125 non-fatal accidents; 40 caused by falls of coal, 38 by falls of rock, 26 by pit cars, 1 by falling pit props, 2 by explosion of gas, 3 by hoisting cage, 3 by mules, 1 by fly-wheel of engine, 1 burned by hot water, 1 by a coal pick, 1 by mule chain, 3 by falling down "manways," 1 by blown out shot, 4 by premature blasts. Average number of tons mined to each non-fatal accident, 30,170; average number of persons employed to each non-fatal accident, 61.

There was 355,095 tons of coke made during the year, being an increase of 74,576 tons over 1891.

LIST OF FATAL ACCIDENTS, 1891.

January 18—Brazil Prettie, at Marion mine, Grand River Coal and Coke Co., Garfield county; killed by a fall of rock.

January 24—Mike Roseporich, at Caledonia mine, United Coal Co., Boulder county; killed by a fall of coal.

February 5—Joseph Fatta, Road Canon mine, Colorado Coal and Iron Co., Las Animas county; killed by a fall of coal.

February 7—Joseph Trevithick, at Golden Star mine, Golden Coal Co., Jefferson county; killed by a fall of rock.

February 28—James McLelland, San Juan mine, La Plata county; spine crushed by a fall of rock. Died on April 13.

March 10—Thomas Alderoon, at El Moro mine, Colorado Coal and Iron Co., Las Animas county; fatally injured by being caught between a pit car and a "ribside." Died, 12th inst.

March 19—Omerod Singelton, at Forbes' mine, Trinidad Fuel Co., Las Animas county; killed by a fall of rock.

March 23—Joseph Heck, at Crested Butte mine, Colorado Coal and Iron Co., Gunnison county; killed by a fall of rock.

March 26—George Parela, at Marshall mine No. 5, Marshall Coal Co.; killed by a fall of rock.

April 2—James Muldoon, at Simpson mine, United Coal Co., Boulder county; killed by a fall of coal.

April 3—Thomas Gallagher, at Rockvale mine No. 7, Canon City Coal Co., Fremont county; killed by a premature blast.

May 19—George Isaacs, at Acme mine, Acme Coal Co., Boulder county; killed by a fall of rock.

June 1—Domnick Bertino, at Road Canon mine, Colorado Coal and Iron Co., Las Animas county; killed by a fall of rock.

June 3—Felix Lotine, at El Moro mine, Colorado Coal and Iron Co., Las Animas county; fatally injured by a fall of slate. Died on the 5th inst.

July 21—George Simmonds, at Como mine No. 5, Union Pacific Coal Co., Park county; killed by a premature blast.

July 25—Mike Jennings, at Spring Gulch mine, Grand River Coal and Coke Co., Pitkin county; killed by a fall of slate.

August 28—John Smith, at Rouse mine, Colorado Fuel Co., Las Animas county; fatally injured by being struck by a trip of cars. Died September 5.

September 2—James Politano, at Victor mine No. 3, Victor Coal Co., Las Animas county; fatally injured by a fall of slate. Died 4th inst.

September 12—Frederick Beach (a trapper boy), found dead hanging to a rope. It is supposed he accidentally hanged himself while playing with a rope; accident occurred at Coal Creek mine No. 2, Colorado Coal and Iron Co., Fremont county.

September 25—Thomas Chido, Cameron mine, Colorado Coal and Iron Co., Huerfano Co.; fatally injured by a piece of coal from a blast. Died 25th inst.

October 8—Joseph Bezot, at Rouse mine, Colorado Fuel Co., Las Animas county, killed by a fall of rock.

October 14—Frank Desideris, at Cameron mine, Colorado Coal and Iron Co., Huerfano county; killed by a fall of rock.

October 24—Jano Bartholemew and Mike Williams, at Coal Ridge mine, Colorado Fuel Co., Garfield county; killed by an explosion of gas and coal dust. Said to be under assumed names.

November 11—Guiseppe Antonelli, at Road Canon mine, Colorado Coal and Iron Co., Las Animas county; killed by a fall of slate.

November 12—Alex. McDonald, at Marion mine, Grand River Coal and Coke Co., Garfield county; thigh bone broken by a piece of coal from a chute. It appears that Alex. McDonald was put under the influence of opiates, and never became conscious again.

November 28—John Gradisen, at Crested Butte mine, Colorado Coal and Iron Co., Gunnison county; killed by a fall of coal.

November 30—James Duggan, at Anthracite mine, Colorado Fuel Co., Gunnison county; killed by a fall of rock.

December 5—James Cox, Anthracite mine, Gunnison county; killed by a fall of rock.

December 8—Acon Vittoria, Rouse mine, Huerfano county; killed by a fall of rock.

TABLE SHOWING NON-FATAL ACCIDENTS, 1891.

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY.	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY
January 5	Christova Rivera.....	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Leg broken	Fall of rock
January 9	Griff Marome.....	Pusher	No. 1 Coal Creek	Colo. Coal & Iron Co.	Fremont	Back wrenched	Pit car
January 12	Jose Richardson.....	Miner	No. 1 Coal Creek	Colo. Coal & Iron Co.	Fremont	Side bruised	Pit car
January 12	Harry Nichols	Miner	No. 2 Starkville.	Trinidad C. & C. Co.	Las Animas	Ankle bone f'ct'd	Pit car
January 15	Nicol Dilaylio	Miner	No. 1 Coal Creek	Colo. Coal & Iron Co.	Fremont	Side bruised	Fall of slate
January 15	John McDonald.....	Miner	Walsen	Colo. Coal & Iron Co.	Huerfano	Head bruised	Struck by falling prop
January 19	Martin Smolka.....	Miner	Walsen	Colo. Coal & Iron Co.	Huerfano	Back bruised	Fall of slate
January 20	John Barrino.....	Pusher	Chandler	Western Fuel Co.	Fremont	Legs bruised	Fall of rock
January 21	R. T. Stewart.....	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Head cut	Fall of slate
January 24	John Howell	Pusher	Chandler	Western Fuel Co.	Fremont	Breast bruised	Fall of rock
January 26	John B. Hughes	Laborer	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Fingers bruised	Railroad car
January 26	Mike Peirce.....	Miner	No. 1 Coal Creek	Colo. Coal & Iron Co.	Fremont	Head cut	Fall of slate
January 31	Pasco Antril	Miner	No. 1 Coal Creek	Colo. Coal & Iron Co.	Fremont	Leg broken	Fall of coal
February 4	Antonia Dominico	Miner	Caledonia	United Coal Co.	Boulder	Leg bruised	Fall of rock
February 6	Percey Lacey.....	Miner	Baker	Baker Coal Co.	Boulder	Slightly bruised	Fall of coal
February 10	Nicholas Marks.....	Miner	Chandler	Western Fuel Co.	Fremont	Slightly burned	Explosion of powder
February 18	Joe Lucea	Laborer	El Moro	Colo. Coal & Iron Co.	Las Animas	Foot bruised	Railroad car
February 23	William Loundro.....	Trapper	No. 1 Chicosa	Trinidad Fuel Co.	Las Animas	Head bruised	Pit car

February	25	Harry Ridley	Miner	Excelsior	United Coal Co.	Boulder	Back bruised.	.....	Fall of rock
March	1	Alfred Wood	Miner	No. 2 Chicosa	Trinidad Fuel Co.	Las Animas	Leg slightly brs'd	.....	Fall of rock
March	2	A. J. Martinez	Miner	No. 2 Victor	Victor Coal Co.	Las Animas	Back wrenched	.....	Pit car
March	4	Juan Mestes	Miner	No. 2 Victor	Victor Coal Co.	Las Animas	Leg bruised	.....	Fall of rock
March	17	John Hosa	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Side bruised	.....	Pit car
March	18	John Star	Miner	Excelsior	United Coal Co.	Boulder	Side bruised	.....	Pit car
March	19	John McDonald	Miner	El Moro	Colo. Coal & Iron Co.	Las Animas	Leg bruised	.....	Fall of rock
March	20	Joe De Laguna	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Back sl'gt'y hurt	.....	Fall of slate
March	21	Thomas Bodycomb	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Foot bruised	.....	Fall of rock
March	21	Richard Berry	Miner	No. 2 Chicosa	Trinidad Fuel Co.	Las Animas	Arm bruised	.....	Fall of rock
March	28	Peter Falen	Miner	El Moro	Colo. Coal & Iron Co.	Las Animas	Finger bruised	.....	Unloading pit props
March	30	John Aufleck	Miner	Excelsior	United Coal Co.	Boulder	Foot bruised	.....	Machine truck
March	30	E. M. Hall	Miner	No. 3 Victor	Victor Coal Co.	Las Animas	Fingers bruised	.....	Pit car
April	2	John Salvo	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Head cut	.....	Premature blast
April	3	J. R. Frujillo	Miner	No. 2 Starkville	Trinidad C. & C. Co.	Las Animas	Leg broken	.....	Fall of coal
April	3	Peter Beck	Blaster	No. 7 Rockvale	Canon City Coal Co.	Fremont	Slightly burned	.....	Premature blast
April	3	Ubolda Musckitta	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Leg broken	.....	Fall of coal
April	11	Julian Romero	Miner	No. 2 Starkville	Trinidad C. & C. Co.	Las Animas	Leg broken	.....	Fall of coal
April	13	Paul Snay	Miner	Spencer	United Coal Co.	Boulder	Leg fractured	.....	Fall of coal
April	27	John Luchino	Miner	El Moro	Colo. Coal & Iron Co.	Las Animas	Sm'l leg bone bk	.....	Pit car
May	5	Don Monzetta	Miner	No. 1 Rockvale	Canon City Coal Co.	Fremont	Skull fractured	.....	Fall of coal
May	5	John McAllister	Miner	El Moro	Colo. Coal & Iron Co.	Las Animas	Shoulder bruised	.....	Fall of coal

TABLE SHOWING NON-FATAL ACCIDENTS, 1891—Continued.

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY.	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY
May	8 Dominick Bartino	Miner	No. 1 Chicosa	Trinidad Fuel Co.	Las Animas	Thumb bruised.	Pit Car
May	11 Thmas Little	Miner	El Moro	Colo. Coal & Iron Co.	Las Animas	Finger amputa'd	Steam pump
May	11 George Simonich	Car dumper	Crested Butte	Colo. Coal & Iron Co.	Gunnison	Arm broken	Pit car
May	13 Silidon Duran	Miner	El Moro	Colo. Coal & Iron Co.	Las Animas	Arm broken	Struck by falling prop
May	18 Camillo Costa	Miner	No. 1 Chicosa	Trinidad Fuel Co.	Las Animas	Back bruised	Fall of rock
May	26 Dom O. Dona	Miner	New Castle	Grand R. C. & C. Co.	Garfield	Leg bruised	Fall of coal
May	27 George Jamison	Mule driver	No. 2 Starkville	Trinidad C. & C. Co.	Las Animas	Leg bruised	Pit car
May	30 Arthur Purdon	Mule driver	No. 2 Chicosa	Trinidad Fuel Co.	Las Animas	Wrist sprained	Pit car
June	1 W. H. Davis	Miner	Como	Union Coal Co.	Park	Arm broken	Fall of rock
June	7 Gus Anderson	Miner	No. 3 Victor	Victor Coal Co.	Las Animas	Collar bone brkn	Fall of coal
June	9 Maro Nichals	Miner	No. 3 Victor	Victor Coal Co.	Las Animas	Collar bone frac.	Fall of coal
June	10 Charles Ford	Mule driver	Sopris	Colorado Fuel Co.	Las Animas	Shoulder bruised	Struck by falling prop
June	16 Anton Ross	Miner	Como	Union Coal Co.	Park	Collar bone brkn	Fall of rock
June	17 Jesus Pedregon	Miner	No. 1 Chicosa	Trinidad Fuel Co.	Las Animas	Thumb bruised	Fall of rock
June	18 Reese Davis	Miner	No. 2 Starkville	Trinidad C. & C. Co.	Las Animas	Foot bruised	Pit car
June	20 Rogue Coco	Miner	No. 2 Chicosa	Trinidad Fuel Co.	Las Animas	Foot bruised	Fall of coal
June	20 John Vartoling	Miner	No. 1 Rockvale	Canon City Coal Co.	Fremont	Toe bruised	Fall of rock
June	22 Esilo Mawzani	Miner	Sopris	Colorado Fuel Co.	Las Animas	Fingers bruised	Fall of coal

June	22	Bartolo Cappini.....	Miner	Sopris	Colorado Fuel Co....	Las Animas.	Knee bruised....	.....Fall of coal
June	25	Neil O. Donald.....	Miner	No. 2 Chicosa.....	Trinidad Fuel Co....	Las Animas.	Foot cut.....	.....Pit car
July	3	Matthier Lynn.....	Miner	No. 2 Starkville.....	Trinidad C. & C. Co.	Las Animas.	Both legs broken	.....Fall of rock
July	7	James Markinson.....	Loader	New Castle.....	{ Grand River C. & } C. Company.....	Garfield	Two ribs broken	.....Railroad car
July	8	Joseph Alsie.....	Miner	No. 2 Chicosa.....	Trinidad Fuel Co....	Las Animas.	Leg broken.....	.....Fall of rock
July	8	S. Guescardo.....	Miner	Sopris	Colorado Fuel Co....	Las Animas.	Toes amputated	.....Fall of rock
July	15	Geo. Hay.....	} Miners	No. 2 Chicosa.....	Trinidad Fuel Co....	Las Animas.	Both men burnt	.....Explosion of powder
July	15	Edwin Williams.....		No. 2 Chicosa.....	Trinidad Fuel Co....	Las Animas.	Leg broken.....	.....Fall of coal.
July	20	John Seboyski.....	Miner	Sopris	Colorado Fuel Co....	Las Animas.	Leg broken.....	.....Fall of coal.
July	22	Richard Clements.....	Miner	No. 2 Starkville.....	Trinidad C. & C. Co.	Las Animas.	Leg broken.....	.....Fall of coal
July	23	Richard Wilmoth.....	Miner	No. 1 Victor.....	Victor Coal Co.....	Las Animas.	Leg broken.....	.....Fall of coal
July	29	Antonia Muscat.....	Miner	No. 2 Coal Creek.....	Colo. Coal & Iron Co	Fremont	Leg bruised.....	.....Fall of rock
August	6	Thomas Hodge.....	Miner	No. 1 Coal Creek.....	Colo. Coal & Iron Co.	Fremont	Leg broken.....	.....Fall of slate
August	11	Thomas Clark.....	Miner	No. 2 Coal Creek.....	Colo. Coal & Iron Co.	Fremont	Back injured.....	.....Fall of slate
August	18	J. Shappell.....	Miner	No. 2 Coal Creek.....	Colo. Coal & Iron Co.	Fremont	Leg bruised.....	.....Fall of rock
August	20	John Antrill.....	Miner	No. 2 Coal Creek.....	Colo. Coal & Iron Co.	Fremont	Leg broken.....	.....Pit car
August	20	Jose Golibick.....	Miner	Crested Butte.....	Colo. Coal & Iron Co.	Gunnison	Leg broken.....	.....Fall of coal
August	28	Lewis Lewis.....	Miner	White Ash	Golden Fuel Co.....	Jefferson	Back bruised.....	.....Fall of coal
August	28	John Jones.....	Miner	No. 1 Rockvale.....	Canon City Coal Co.	Fremont	Spine fractured.....	.....Fall of rock
August	29	Juan Lopez.....	Miner	No. 3 Victor.....	Victor Coal Co.....	Las Animas.	Finger bruised.....	.....Pit car
September	2	Nicolli Gavino.....	Miner	No. 3 Victor.....	Victor Coal Co.....	Las Animas.	Foot bruised.....	.....Fall of rock
September	7	Tim Kearney.....	Mule-driver	No. 3 Victor.....	Victor Coal Co.....	Las Animas.	Foot bruised.....	.....Pit car

TABLE SHOWING NON-FATAL ACCIDENTS, 1891—Continued.

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY.	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY
September 10	Benito Reveni.....	Miner.....	No. 2 Starkville.	Trinidad C. & C. Co.	Las Animas.	Foot bruised.....	..... Fall of rock
September 16	Ben Philp.....	Miner.....	White Ash.....	Golden Fuel Co.....	Jefferson.....	Leg broken.....	..... Fall of rock
September 21	Thomas Stark.....	Miner.....	Welch.....	Marshall Coal Co.....	Boulder.....	Injured.....	{Engineer neglected to reverse engine, cage striking bottom with force.
September 21	Geo. Morstila.....	Miner.....	Welch.....	Marshall Coal Co.....	Boulder.....	Injured.....	
September 21	Peter Andrews.....	Miner.....	Welch.....	Marshall Coal Co.....	Boulder.....	Injured.....	
September 23	Richard Grant.....	Mule driver.....	No. 1 Victor.....	Victor Coal Co.....	Las Animas.	Finger bruised.....	..... Pit car
September 28	J. A. Schneider.....	Miner.....	Acme.....	Acme Coal Co.....	Boulder.....	Two ribs broken.....	..... Fall of rock
September 29	Pasco De Pegallia.....	Miner.....	No. 2 Coal Creek	Col. Coal & Iron Co.	Fremont.....	Ankle bone br'k.....	..... Fall of rock
September 30	Nickol Massara.....	Trapper.....	No. 2 Coal Creek	Col. Coal & Iron Co.	Fremont.....	Wrist sprained.....	..... Pit car
October 3	Pedro Ortes.....	Miner.....	No. 2 Victor.....	Victor Coal Co.....	Las Animas.	Head bruised.....	..... Fall of slate
October 6	Maurice Jones.....	Miner.....	Loveland.....	Golden Fuel Co.....	Jefferson.....	Leg broken.....	..... Fall of rock
October 6	Wm. Cowan.....	Timber man.....	No. 2 Coal Creek	Col. Coal & Iron Co.	Fremont.....	Back injured.....	Struck by falling timber
October 10	Joe Richardson.....	Laborer.....	No. 1 Coal Creek	Col. Coal & Iron Co.	Fremont.....	Hand bruised.....	..... Pit car
October 10	Arch'd Hurst.....	Trapper.....	No. 2 Victor.....	Victor Coal Co.....	Las Animas.	Finger am'p'd.....	..... Pit car
October 10	Rob't Fleming.....	Miner.....	Sopris.....	Col. Fuel Co.....	Las Animas.	Arm bruised.....	..... Kick from a mule
October 12	Peter Kelly.....	Mule driver.....	No. 2 Victor.....	Victor Coal Co.....	Las Animas.	Finger am'p'd.....	Caught in mule harness
October 14	Frank Ruchers.....	Miner.....	No. 2 Coal Creek	Col. Coal & Iron Co.	Fremont.....	Foot bruised.....	..... Fall of coal
October 15	Marcus Mikelich.....	Miner.....	Crested Butte.....	Col. Coal & Iron Co.	Gunnison.....	Leg broken.....	..... Fall of rock

October	16	Frank Rich	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Finger injured	Coal pick
October	19	Thomas Ireland	Fire boss	New Castle	Grand Riv'r C. & C. Co	Garfield	Leg bruised	Fall of coal
October	21	Geo. Linchrick	Miner	No. 2 Chicosa	Trinidad Fuel Co.	Las Animas	Hip dislocated	Fall of coal
October	21	John Magnene	Miner	Sopris	Colorado Fuel Co.	Las Animas	Toe bruised	Pit car
October	23	Joe Hughs	Miner	Sopris	Colorado Fuel Co.	Las Animas	Back bruised	Fall of slate
October	23	Joe Reunich	Miner	Spencer	United Coal Co.	Boulder	Ankle sprained	Hoisting cage
October	23	Barton Lypp	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co	Fremont	Foot bruised	Pit car
October	23	Moyer Antrill	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co	Fremont	Collar bone brok'	Fall of rock
October	30	Jim Carobrot	Miner	New Castle	Grand Riv'r C. & C. Co	Garfield	Leg bruised	Fall of coal
October	30	Joe Olero	Miner	New Castle	Grand Riv'r C. & C. Co	Garfield	Leg bruised	Fall of coal
November	3	John Younick	Miner	Rouse	Colorado Fuel Co.	Huerfano	Leg fractured	Fall of slate
November	3	C. Beyocued	Miner	Sopris	Colorado Fuel Co.	Las Animas	Thumb bruised	Caught between rocks
November	9	John Adams	Miner	No. 1 Coal Creek	Colo. Coal & Iron Co	Fremont	Foot injured	Fall of slate
November	9	John Burns	Miner	Sopris	Colorado Fuel Co.	Las Animas	Leg bruised	Pit car
November	11	Lewis Brown	Miner	Como	Union Coal Co.	Park	Leg bruised	Fall of rock
November	12	S. C. Brewer	Miner	Rouse	Colorado Fuel Co.	Huerfano	Back injured	Fall of slate
November	14	Peter Pullo	Miner	El Moro	Colo. Coal & Iron Co	Las Animas	Leg bruised	Fall of coal
November	14	Silver Scranzona	Miner	El Moro	Colo. Coal & Iron Co	Las Animas	Back injured	Fall of coal
November	16	August Stenneager	Miner	Sopris	Colorado Fuel Co.	Las Animas	Burned on neck	Pit lamp explosion
November	17	John Dalsie	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co	Fremont	Shoulder bruised	Fall of slate
November	19	Wm. Bell	Miner	Spencer	United Coal Co.	Boulder		

TABLE SHOWING NON-FATAL ACCIDENTS, 1891.—*Concluded.*

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY.	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY.
November 19	Andy Bills.	Miner	Spencer	United Coal Co.	Boulder	Injured	{ Engineer neglected to reverse engine; cage struck bottom with force.
November 19	Paul Sway.	Miner	Spencer	United Coal Co.	Boulder	Injured	
December 3	Elijah Sandoval.	Miner	No. 1 Victor	Victor Coal Co.	Las Animas.	Leg bruised	
December 4	Ronaldo Mestis.	Miner	No. 1 Victor	Victor Coal Co.	Las Animas.	Leg bruised	Fall of coal
December 4	Wm. Crum	Mule driver	Franceville.	Union Ice & Coal Co	El Paso.	{ Collar bone broken	Fall of coal
December 6	Edward Barron.	Miner	Como.	Union Coal Co.	Park	Head injured	Pit car
December 9	Wm. Feldhauser.	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co	Fremont	Leg bruised	Falling down slope
December 12	Alfred Malson.	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co	Fremont	Finger bruised	Fall of coal
December 15	M. J. Brenan.	Miner	Chandler	Western Fuel Co.	Fremont	Leg broken	Pit car
December 16	Antonia Avaretta.	Miner	No. 1 Victor	Victor Coal Co.	Las Animas.	Head injured	Fall of rock
December 17	James O. Mally	Miner	No. 1 Coal Creek	Colo. Coal & Iron Co	Fremont	Legs bruised	Fall of coal
December 18	James Harrigan	Miner	Como	Union Coal Co.	Park	Slightly burned	Fall of slate
December 20	Wm. Kilroy.	Miner	No. 1 Victor	Victor Coal Co.	Las Animas.	Head injured	Explosion of gas
December 21	Antonia Mora.	Miner	New Castle.	Grand Riv. C. & C. Co	Garfield	Leg broken	Fall of coal
December 22	Gactano Marono.	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co	Fremont	Foot bruised	Fall of coal

LIST OF FATAL ACCIDENTS, 1892.

January 2—Pedro Bassi, at Sopris mine, Colorado Fuel Co., Las Animas county; killed by a fall of coal.

January 6—Joseph Matta, at Sopris mine, Colorado Fuel and Iron Co., Las Animas county; received injuries by a fall of coal, from which it is said he died on April 5, of the same year.

January 21—Andrew Walker, at Rockvale mine No. 1, Canon City Coal Co., Fremont county; killed by a fall of coal.

February 9—Attilio Gennett, at New Castle mine, Colorado Fuel and Iron Co., Garfield county; fatally injured by a fall of coal. Died on 10th inst.

February 15—Louis Bohi, at No. 7 mine, Rockvale, Canon City Coal Co., Fremont county; killed by a premature blast

February 27—Louis Dingao, at Sopris mine, Colorado Fuel and Iron Co., Las Animas county; killed by a bucket falling on him at the bottom of a sinking shaft.

March 8—Mike Gusik, at Crested Butte mine, Colorado Fuel and Iron Co., Gunnison county; killed by a fall of rock.

March 10—Louigi Golden, at Victor mine, Victor Coal Co., Las Animas county; killed by a fall of rock.

March 10—Frank Milk, at Marshall shaft, Marshall Coal Co., Boulder county; killed by a fall of coal.

April 7—Antonia Verlinge, at Coal Creek mine No. 2, Colorado Fuel and Iron Co., Fremont county; killed by a fall of rock.

April 16—William Kneebone, at New Castle mine, Colorado Fuel and Iron Co., Garfield county; killed by falling from a bucket in a sinking shaft.

June 11—Sevroi Yanoz, at Road Canon mine, Colorado Fuel and Iron Co., Las Animas county; killed by being struck with a pit car.

June 21—Thomas Denehy, at Anthracite mine, Colorado Fuel and Iron Co., Gunnison county; killed by a fall of rock.

June 25—William Little, at Vulcan mine, Vulcan Fuel Co., Garfield county; leg broken, and serious bodily injuries. Died 30th of June.

July 1—Corniel Vigil, at Sopris mine, Colorado Fuel and Iron Co., Las Animas county; fatally injured by a fall of rock, dying twelve hours later.

July 11—George Lamb and Nicole Garpeta, at Road Canon mine, Colorado Fuel and Iron Co., Las Animas county; both instantly killed by a fall of rock.

July 22—Peter Frank, at New Castle mine, Colorado Fuel and Iron Co., Garfield county; killed by a fall of coal.

July 27—John Merritt, at Robinson mine, Colorado Fuel and Iron Co., Huerfano county; killed by a fall of coal.

August 11—Emanuel Fun, at Sunshine mine, Colorado Fuel and Iron Co., Garfield county; killed by a fall of rock.

August 28—Thomas H. Reese, at Rockvale mine No. 1, Canon City Coal Co., Fremont county; died in the mine from heart disease.

August 29—William Buntin, at Williamsburg mine, United Coal Co., Fremont county; killed by a fall of coal.

September 28—David E. Muir and William M. Holt, at Walsen mine, Colorado Fuel and Iron Co., Huerfano county; killed by an explosion of gas.

October 3—Joseph Houstings, at Hecla mine, Citizens Coal Co., Boulder county; killed by a fall of coal.

October 6—Richard Deloury, at Sunshine mine, Colorado Fuel and Iron Co., Garfield county; fatally injured by an explosion of coal dust caused by a blown out shot. Died on the 8th inst.

October 15—John Ballenick, at Picton mine, Colorado Fuel and Iron Co., Huerfano county; fatally injured by a premature blast. Died, 20th inst.

October 17—John Mulits, Rouse mine, Colorado Fuel and Iron Co., Las Animas county; killed by a fall of rock.

November 16—Benjamino Betiste, at Caledonia mine, United Coal Co., Boulder county; killed by a fall of slate.

December 6—Henry L. Thompson, at Rockvale mine, Canon City Coal Co., Fremont county; killed by a shot blown through pillar.

December 7—Gavino Labato, at Sopris mine, Colorado Fuel and Iron Co., Las Animas county; killed by a fall of coal.

December 23—Harry Collins, miner, at Anthracite mine, Colorado Fuel and Iron Co., Gunnison county; killed by a fall of rock.

December 28—George McIver and Matthew Ransom, "cagers," Acme mine, United Coal Co., Boulder county; killed by being caught between the hoisting cage and shaft timbers.

TABLE SHOWING NON-FATAL ACCIDENTS, 1892.

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY.	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY
January 4	J. McKenzie.	Miner	No. 1 Rockvale.	Canon City Coal Co.	Fremont	Leg bruised	Fall of coal
January 7	Eli Shappel	Miner	No. 1 Rockvale.	Canon City Coal Co.	Fremont	Foot bruised	Fall of coal
January 7	J. L. Frujillo	Mule driver	Sopris	Colorado Fuel Co.	Las Animas.	Leg bruised	Pit car
January 8	Chris. Neilson	Mule driver	Sopris	Colorado Fuel Co.	Las Animas.	Foot bruised	Pit car
January 11	Terrence Felce	Miner	No. 3 Chicosa	Trinidad Fuel Co.	Las Animas.	Leg bruised	Pit car
January 11	John Duliski.	Miner	No. 2 Chicosa	Trinidad Fuel Co.	Las Animas.	Head injured	Fall of rock
January 12	Thomas Samuel	Miner	No. 2 Coal Creek	Colo. Coal & Iron Co.	Fremont	Leg broken	Pit car
January 13	Wm. Gromenz.	Miner	Gladston	Gladston Coal Co.	Boulder	Ribs broken	Fall of coal
January 14	Jos. Bubbish	Miner	No. 2 Rockvale.	Canon City Coal Co.	Fremont	Leg broken	Fall of coal
January 15	Joseph Burns	Miner	Pictou	Colo. Fuel & Iron Co.	Huerfano.	Shoulders bruised	Fall of coal
January 18	Frank Carpera	Miner	No. 2 Chicosa	Trinidad Fuel Co.	Las Animas.	Leg bruised	Fall of rock
January 18	J. T. Harvey	Miner	Pictou	Colo. Fuel & Iron Co.	Huerfano	Back injured	Fall of coal
January 20	Jose Barrellano	Miner	Sopris	Colo. Fuel & Iron Co.	Las Animas.	Ribs bruised	Fall of rock
January 22	James Dalphonso	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Leg broken	Fall of rock
January 22	James Brice	Switch boy	No. 1 Rockvale.	Canon City Coal Co.	Fremont	Leg bruised	Pit car
January 22	Thomas James		No. 1 Rockvale.	Canon City Coal Co.	Fremont	Foot bruised	Pit car
January 22	Frank Manning	Mule driver	No. 7 Rockvale.	Canon City Coal Co.	Fremont	Ribs broken	Pit car
January 23	James Harvey	Miner	Como	Union Coal Co.	Park	Leg bruised	Fall of rock

January	23	Mike Flanning	Miner	Excelsior	United Coal Co.	Boulder	Head injured	Fall of coal
January	30	Pasco De Jacimo	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Hand bruised	Fall of slate
February	1	Rock Lypp	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Back injured	Fall of rock
February	5	Wm. Atkins	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Leg bruised	Fall of rock
February	6	Adam Segar	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Shoulder bruised	Fall of coal
February	6	John Burns	Miner	Sopris	Colo. Fuel & Iron Co.	Las Animas	Foot bruised	Fall of coal
February	7	Joe Marnely	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Hand bruised	Fall of coal
February	10	J. C. McLaughlin	Miner	Loveland	White Ash Coal Co.	Jefferson	Back injured	Fall of rock
February	16	Joseph Gilbert	Miner	No. 1 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Arm broken	Fall of coal
February	17	J. M. Price	Miner	Engleville	Colo. Fuel & Iron Co.	Las Animas	Leg bruised	Fall of slate
February	19	David Jones	Miner	Loveland	White Ash Coal Co.	Jefferson	Foot sprained	Fall of rock
February	22	James Hickey	Mule driver	Sopris	Colo. Fuel & Iron Co.	Las Animas	Foot bruised	Pit car
February	24	Charles Blythe	Timberman	Sunshine	Colo. Fuel & Iron Co.	Garfield	Leg broken	Fall of rock
February	26	Natale Zuccatte	Miner	Sopris	Colo. Fuel & Iron Co.	Las Animas	Leg broken	Pit car
February	28	Wm. Rouwtell	Miner	Garfield	Garfield Coal Co.	Boulder	Back injured	Fall of coal
March	3	Frank Young	Loader	Simpson	United Coal Co.	Boulder	Finger amputated	Fall of coal
March	4	Mike Evans	Miner	Sopris	Colo. Fuel & Iron Co.	Las Animas	Leg broken	Fall of coal
March	8	Dan McGruder	Machine shoveler	Caledonia	United Coal Co.	Boulder	Arm broken	Fall of coal
March	12	Wm. Gordon	Mule driver	Crested Butte	Colo. Fuel & Iron Co.	Gunnison	Hip dislocated	Pit car
March	12	Thomas Ireland	Fire boss	New Castle	Colo. Fuel & Iron Co.	Garfield	Injured	Premature blast
March	12	Joe Lejame	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Injured	Premature blast
March	12	Fran Abala	Miner	Engleville	Colo. Fuel & Iron Co.	Las Animas	Shoulder bruised	Fall of coal

TABLE SHOWING NON-FATAL ACCIDENTS, 1892—Continued.

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY.	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY
March	14 Capero Carls	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Spine injured	Fall of coal
March	21 Walter Jenser	Car runner	Excelsior	United Coal Co.	Boulder	Leg bruised	Pit car
March	21 James Wallock	Loader	Simpson	United Coal Co.	Boulder	Finger amputatd	Fall of coal
March	22 Ambrose Romero	Miner	No. 1 Victor	Victor Coal Co.	Las Animas	Eye injured	Coal pick
March	24 Moyar Antrell	Miner	No. 1 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Arm bruised	Fall of coal
March	24 L. Derameda	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Back injured	Fall of rock
April	4 O. E. Weller	Station boy	Sopris	Colo. Fuel & Iron Co.	Las Animas	Foot burned	Hot water
April	5 Joseph Brown	Miner	Pereless	United Coal Co.	Las Animas	Ribs fractured	Fall of rock
April	7 August Ebner	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Leg bruised	Fall of slate
April	8 Simon Savinell	Miner	Gladston	Gladston Coal Co.	Boulder	Leg broken	Fall of coal
April	12 L. Jacobs	Miner	Caledonia	United Coal Co.	Boulder	Leg bruised	Fall of rock
April	12 B. R. Terrill	Miner	Loveland	Golden Fuel	Jefferson	Shoulder bruised	Pit car
April	12 John Williams	Miner	Loveland	Golden Fuel	Jefferson	Foot sprained	Fall of rock
April	12 J. H. Williams	Miner	Loveland	Golden Fuel	Jefferson	Leg broken.	Fall of rock
April	13 Andrew Smith	Miner	Berwind	Colo. Fuel & Iron Co.	Las Animas	{ Small bone in leg broken }	Pit car
April	19 William Isacs	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Leg bruised	Fall of coal
April	20 Daminic Piano	Machine shoveler	No. 7 Rockvale	Canon City Coal Co.	Fremont	Arm bruised	Runaway mule
April	23 F. P. Renohl	Mule driver	Sopris	Colo. Fuel & Iron Co.	Las Animas	Arm bruised	Pit car

April	24	Tom. S. Davis	Engineer	New Castle	Colo. Fuel & Iron Co.	Garfield	Leg broken	Engine fly wheel
April	25	Giavanni Barolo	Miner	Sopris	Colo. Fuel & Iron Co.	Las Animas	Finger bruised	Pit car
April	27	John Constantine	Mule driver	Excelsior	United Coal Co.	Boulder	Foot bruised	Pit car
April	27	Sam. Hendrie	Cager	Excelsior	United Coal Co.	Boulder	Injured	Hoisting cage
April	29	James Meikle	Mule driver	Excelsior	United Coal Co.	Boulder	Face injured	Struck by chain
April	29	Wm. Lindgreen	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Back injured	Fall of coal
May	6	N. E. Terrill	Miner	Porter	Porter Coal Co.	La Plata	Leg broken	Fall of slate
May	9	Geo. Gray	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Slightly burned	Explosion of gas
May	12	Jacob Hartol	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Injured	Explosion of gas
May	12	Joe. Bozark	Miner	Caledonia	United Coal Co.	Boulder	Back injured	Fall of rock
May	16	Baldo Miscat	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Head injured	Fall of rock
May	16	Joe. Rodney	Miner	Rouse	Colo. Fuel & Iron Co.	Huerfano	Leg fractured	Fall of slate
May	17	Jas. Ross	Miner	Williamsburg	United Coal Co.	Fremont	Leg broken	Fall of coal
May	18	Joe. Rossa	Miner	Sunshine	Colo. Fuel & Iron Co.	Garfield	Arm bruised	Fall of coal
May	20	A. Anderson	Miner	Porter	Porter Coal Co.	La Plata	Sh'd'r bone bkn	Fall of coal
May	20	John Stobe	Miner	Excelsior	United Coal Co.	Boulder	Arm strained	Falling timber
May	24	Lew Fofmire	Miner	Excelsior	United Coal Co.	Boulder	Shoulder bruised	Fall of coal
June	3	Bowman Duran	Dumper	Engleville	Colo. Fuel & Iron Co.	Las Animas	Leg bruised	Pit car
June	4	V. C. Wolfe	Teamster	Franceville	Union Ice & Coal Co.	El Paso	Leg broken	Fall of rock
June	7	H. S. Jones	Miner	Loveland	White Ash Coal Co.	Jefferson	Hand bruised	Hoisting cage
June	10	Mike Molovich	Miner	Crested Butte	Colo. Fuel & Iron Co.	Gunnison	Back bruised	Fall of rock
June	12	Ed. Humphrey	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Arm broken	Fall of rock

TABLE SHOWING NON-FATAL ACCIDENTS, 1892—Continued.

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY
June 16	Joe De John	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Hand bruised	Fall of rock
June 20	Pat Delanty	Machine sh'v'ler	Excelsior	United Coal Co.	Boulder	Hand bruised	Fall of coal
June 21	Andrew Fenell	Miner	Loveland	White Ash Coal Co.	Jefferson	Head bruised	Falling down manway
June 24	August Johnston	Miner	Loveland	White Ash Coal Co.	Jefferson	Finger bruised	Coal, while loading
June 24	John Owens	Machine sh'v'ler	Cannon	Cannon Coal Co.	Boulder	Leg broken	Fall of coal
July 14	Wm. Jenkins	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Fell dwn m'w'y	Overcome by gas
July 14	J Medreth	Miner	New Castle	Colo. Fuel & Iron Co.	Garfield	Fell dwn m'w'y	Overcome by gas
July 18	Henry Dolman	Mule driver	No. 2 Starkville	Trinidad C. & C. Co.	Las Animas	Rib broken	Pit car
July 18	Alfred Hurley	Mule driver	No. 2 Starkville	Trinidad C. & C. Co.	Las Animas	Arm broken	Pit car
July 23	Andro Batistic	Mule driver	Rouse	Colo. Fuel & Iron Co.	Huafano	Spine injured	Fall of coal
August 4	Hugh Quigley	Mule driver	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Injured	Premature blast
August 9	J. Lombard	Mule driver	Caledonia	United Coal Co.	Boulder	Back injured	Fall of coal
August 11	Emanuel Fuve	Mule driver	Sunshine	Colo. Fuel & Iron Co.	Garfield	Head bruised	Fall of coal
August 11	J G. Legner	Machinist	Loveland	White Ash Coal Co.	Jefferson	Leg broken	Hoisting cage
August 18	Baptista Gedds	Machinist	No. 7 Rockvale	Canon City Coal Co.	Fremont	Leg broken	Premature blast
August 23	Nicol Battista	Miner	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont	Leg broken	Fall of rock
August 24	Mike Byok	Miner	Crested Butte	Colo. Fuel & Iron Co.	Gunnison	Arm broken	Fall of rock
August 31	John Campley	Mule driver	No. 1 Rockvale	Canon City Coal Co.	Fremont	Leg bruised	Pit car

September 6	Joe Carroll	Miner	Caledonia	United Coal Co.	Boulder	Foot bruised	Fall of rock
September 16	Alex Pollock Jr	Pit boss	Engleville	Colo. Coal & Iron Co.	Las Animas	Ankle sprained	Pit car
September 16	Eurie Dulters	Miner	Loveland	White Ash Coal Co.	Jefferson	Injured	Premature blast
September 18	A. Rheineimer	Mule driver	Excelsior	United Coal Co.	Boulder	Hand bruised	Pit car
September 19	James Neilson	Miner	No. 2 Starkville	Trinidad C. & C. Co.	Las Animas	Leg broken	Fall of coal
September 20	Thomas Trugillo		Engleville	Colo. Fuel & Iron Co.	Las Animas	Hand bruised	Pit car
September 23	Juan Duron	Miner	No. 1 Victor	Victor Coal Co.	Las Animas	Ankle fractured	Fall of coal
September 27	Dominick Pagano	Miner	No. 2 Coal creek	Colo. Fuel & Iron Co.	Fremont	Foot bruised	Fall of coal
September 28	Edward McCogh	Miner	Loveland	White Ash Coal Co.	Jefferson	Leg bruised	Fall of coal
October 3	Frank Rhineheimer	Mule driver	Excelsior	United Coal Co.	Boulder	Leg bruised	Kick from a mule
October 3	Mike Panian	Miner	Crested Butte	Colo. Fuel & Iron Co.	Gunnison	Collar bone brkn	Fall of coal
October 4	Marshall Jones	Mule driver	New Castle	Colo. Fuel & Iron Co.	Garfield	Leg bruised	Pit car
October 6	S. R. Jenkins	Miner	Excelsior	United Coal Co.	Boulder	Hand bruised	Loading coal
October 6	Richard De Laury	Miner	Sunshine	Colo. Fuel & Iron Co.	Garfield	Injured	Blown out shot
October 6	Mike Glason	Miner	Sunshine	Colo. Fuel & Iron Co.	Garfield	Injured	Blown out shot
October 6	Morgan Davis	Miner	Sunshine	Colo. Fuel & Iron Co.	Garfield	Injured	Blown out shot
October 6	Frank Starrs	Miner	Sunshine	Colo. Fuel & Iron Co.	Garfield	Injured	Blown out shot
October 6	Anton Lane	Mule driver	Sunshine	Colo. Fuel & Iron Co.	Garfield	Injured	Blown out shot
October 11	Geo. Pagliossotts	Miner	Engleville	Colo. Fuel & Iron Co.	Las Animas	Shoulder bruised	Fall of rock
October 19	Joe Fisserro	Mule driver	Engleville	Colo. Fuel & Iron Co.	Las Animas	Leg bruised	Pit car
October 20	Pasqua De Jacimo	Miner	No. 2 Coal creek	Colo. Fuel & Iron Co.	Fremont	Foot bruised	Fall of rock
October 21	Philip Veal	Miner	No. 2 Coal creek	Colo. Fuel & Iron Co.	Fremont	Thumb bruised	Fall of rock

TABLE SHOWING NON-FATAL ACCIDENTS, 1892—Concluded.

DATE.	NAME OF PERSON.	OCCUPATION.	NAME OF MINE.	COMPANY.	COUNTY.	NATURE OF ACCIDENT.	CAUSED BY
October 24	James Clark.....	Miner.....	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont....	Leg broken.....	..... Fall of rock
October 25	L. Griffith.....	Mule driver.....	Engleville.....	Colo. Fuel & Iron Co.	Las Animas.	Ankle sprained.	..... Mule falling on him
November 12	David Cooley.....	Mule driver.....	Engleville.....	Colo. Fuel & Iron Co.	Las Animas.	Leg broken.....	..... Pit car
November 12	M Tabor.....	Mule driver.....	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont....	Finger bruised.	..... Fall of rock
November 14	Antonio Ross.....	Miner.....	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont....	Foot bruised.....	..... Fall of slate
November 14	Reese Edward.....	Miner.....	No. 1 Coal Creek	Colo. Fuel & Iron Co.	Fremont....	Spine injured....	..... Fall of coal
November 15	Frank Ross.....	Miner.....	No. 1 Coal Creek	Colo. Fuel & Iron Co.	Fremont....	Leg bruised.....	..... Fall of slate
November 17	Nicholas Schwarz.....	Miner.....	No. 1 Coal Creek	Colo. Fuel & Iron Co.	Fremont....	Leg bruised.....	..... Fall of coal
November 19	Manvell Lopez.....	Miner.....	Berwind.....	Colo. Fuel & Iron Co.	Las Animas.	Leg broken.....	..... Fall of rock
November 21	Waldo Moscat.....	Miner.....	No. 2 Coal Creek	Colo. Fuel & Iron Co.	Fremont....	Legs bruised.....	..... Fall of slate

Compliments of

John McNeill, M. E.,

Inspector of Mines.





PRODUCT AND CHARACTER OF COLORADO COAL MINES FOR 1892.

